

SHARED SYSTEMS STUDY GROUP

COMMUNICATING BETWEEN P-25 SYSTEMS WITH TECHNOLOGY



PURPOSE

- **REVISIT ISSI TECHNOLOGY FOR USE IN IOWA**
- **DEFINE USE AND NEED FOR ISSI**
- **BRING FORWARD ALL ASPECTS OF ISSI**
- **USER BENEFITS**

STUDY GROUP MEMBERS-15 MEMBERS

- **LEVEL 1 CURRENT USER -3 MEMBERS FIRE, EMS,POLICE**
- **LEVEL 3 OR 4 CURRENT USER- 3 MEMBERS FIRE, EMS,POLICE**
- **CONTROL STATION USER- LARGE AGENCY**
- **CONTROL STATION USER – SMALL AGENCY**
- **VHF USER- 3 MEMBERS FIRE, EMS,POLICE**
- **HARRIS SYSTEM USER-SARA GROUP- 1 MEMBER**
- **ISICS -SYSTEM ADMINISTRATOR REPRESENTATIVE- 1 MEMBER**
- **SWIC**
- **DEPUTY SWIC**

MINIMUM OBJECTIVES

- ✓ **COST- ANNUALLY AND STARTUP**
- ✓ **SUPPORT STAFF REQUIRED TO MANAGE. FTE'S**
- ✓ **TIA STANDARD RESEARCH- WHICH STANDARDS APPLY-E.G. WE WANT THE ISSI TO DO.....WHICH STANDARD APPLIES AND IS IT COMPLETED.**
- ✓ **NATIONAL ISSI FOCUS GROUP FINAL DOCUMENT FINDINGS**
- ✓ **SIDE BY SIDE COMPARISONS- E.G. WHICH OTHER "STATEWIDE SYSTEM" USES ISSI WITH A LOCAL SUBSYSTEM**
- ✓ **DEFINE THE PURPOSE OF AN ISSI FOR IOWA**
- ✓ **USE CASES THAT ISSI TECHNOLOGY WORKS AND WILL WORK FOR IOWA-MINIMUM OF 3 EXAMPLES**
- ✓ **TECHNICAL CONSIDERATIONS RESEARCH WITH BOTH COMPANIES**
- ✓ **MAINTENANCE REQUIREMENTS**
- ✓ **SOFTWARE UPDATE REQUIREMENTS-MAIN SYSTEM AND SUBSYSTEM-**
- ✓ **LEGAL REQUIREMENTS-CONTRACTS , MOA'S, RFP, COST SHARING**
- ✓ **BENEFITS –*ALL VHF, 700,800 USERS MUST BENEFIT. DISPATCH LEVEL AND ON STREET PORTABLE AND MOBILE***
- ✓ **EDUCATION AND TRAINING REQUIREMENTS-COST TO THE INTEROPERABILITY BOARD**
- ✓ **POLICY DEVELOPMENT**
- ✓ **IDENTIFICATION OF BEST PRACTICES OF ISSI TECHNOLOGY**

FOREIGN SYSTEM-HARRIS

- **FOREIGN SYSTEM MUST PROVIDE ALL INTERCONNECT CIRCUITS AND MAINTAIN ALL CIRCUITS AND ASSOCIATED COSTS**
- **FOREIGN SYSTEM MUST HAVE COMPLIANT SOFTWARE VERSION TO INTERCONNECT TO HOME SYSTEM**
- **FOREIGN SYSTEM MUST BE PHASE II TIME-DIVISION MULTIPLE ACCESS (TDMA)**

CONTINUED....

- ✓ **FOREIGN SYSTEM AND HOME SYSTEM ADMINISTRATORS WILL DEVELOP A TECHNICAL/OPERATIONS WORKING GROUP THAT WILL DEVELOP THE FOLLOWING: DEFINE THE QUANTITY OF USERS THAT WILL ACCESS ISSI**
- ✓ **DEFINE RADIO IDS OF USERS THAT WILL ACCESS ISSI**
- ✓ **DEFINE AND DE-CONFLICT IP ADDRESS SCHEMES OF SYSTEMS AND USER EQUIPMENT**
- ✓ **DEFINE AND AGREE TO RULES OF USE OF THE ISSI**
- ✓ **DEFINE FOREIGN SYSTEM SITE ADJACENCY INFORMATION FOR LOADING INTO FOREIGN SYSTEM CORE**
- ✓ **AGREE TO USE ADVANCED ENCRYPTION STANDARD (AES) 256 ENCRYPTION ONLY.**
- ✓ **DEFINE AND AGREE TO P25 ISSI STANDARDS TO BE INCLUDED IN SYSTEM**
- ✓ **ALL PARTIES WILL AGREE ON THE P25 ISSI STANDARDS TO BE TESTED AND UTILIZED**
- ✓ **ALL PARTIES WILL AGREE TO A COMMON NOMENCLATURE FOR PURPOSES OF IMPLEMENTING THE ISSI**

GOVERNANCE

- **NEW POLICY AND PROTOCOL**
- **OPERATIONS COMMITTEE**
- **GOVERNANCE COMMITTEE**
- **FINANCE COMMITTEE**
- **BOARD APPROVAL**

CONCLUSION

- **REVISIT THE BOARD STUDY ON ISSI USE**
- **STUDY GROUP REPORTS TO OPERATIONS ON FINAL ASSESSMENT**
- **OPERATIONS PRESENTS TO BOARD ON RESULTS OF STUDY**
- **DEADLINE JULY 1ST, 2020**